

SIMATIC IPC677E(Panel PC), 24" Multitouch (1920x1080); UHD graphic onboard; DP/DVI-D; 3x Gigabit Ethernet (IE/PN); 6x USB 3.1 Gen. 2; 1x serial (COM 1); RAID controller onboard; Watchdog, temperature and fan monitoring; Core i7-8700 (6C/12T, 3.2(4.6) GHz, 12 MB cache, VT-d, AMT); RAID1 2x SSD SATA 2.5" 480 GB Internal; 64 GB DDR4-2666(4x16); 24 V DC industrial power supply Windows 10 IoT Enterprise 2021 LTSC, 64-bit, MUI (en,de,fr,it,es); for Core i7; Without extension (software); Without extension (HW); 2x PCIe (x16, x4)

Display	
Design of display	24" TFT multi-touch
Screen diagonal	24 in
Resolution (pixels)	
• Horizontal image resolution	1 920 pixel
• Vertical image resolution	1 080 pixel
Backlighting	
• MTBF backlighting (at 25 °C)	30 000 h
Control elements	
Touch operation	
• Design as touch screen	Yes
• Design as multi-touch screen	Yes; Projective-capacitive
Installation type/mounting	
central design	Yes
Mounting in portrait format possible	Yes
Mounting in landscape format possible	Yes
Power loss	
In full configuration	150 W
Dimensions	
Width of the housing front	585 mm
Height of housing front	363 mm
Mounting cutout, width	569 mm
Mounting cutout, height	347 mm
Overall depth	120 mm
Weights	
Weight, approx.	12.5 kg
Approvals / Certificates	
General Product Approval	For use in hazardous locations

[Miscellaneous](#)

[KC](#)

[BIS CRS](#)



[Type Examination Certificate](#)

Maritime application



[NK / Nippon Kaiji Kyokai](#)

[CCS \(China Classification Society\)](#)

last modified:

11/17/2025